25X1D

Declass Review, NIMA/DoD

G-MB 691/63 28 October 1963

> Endur 1 Excluded for a colombia Carlotte

MEMORANDUM FOR:	Chief, International I	Division, OR	JR	
ATTENTION:	I/I	ĹΑ	25X1D	:
FROM:	Chief, CIA/PID (NPIC)			
SUBJECT:	Analysis of damage to Economy by Hurricane F	Cuban Trans Tora.	portation System and	1.
REFERENCE:	Requirement Nos. C-RR3	;-80,721 (Pr }-80,726 (Pr	roject No. C 1510-63) and roject No. C 1511-63).	
c-RR3-80,726 (C) to highways, rail total of 63 presextent of wind ar In addition, the Nickel Plants, the Camaguey Railroad	lroads, bridges and sel selected sugar centrals nd/or water damage to e Rente Power Plant in S he Hermanos Diaz Petrol d Repair Shops were re-	made from action, lected ports in eastern cach central fantiago de (Leum Refiner; examined to	721 (C 1510-63) and crial photography dated type and extent of damage in Cuba. In addition, a Cuba were analysed to note and their immediate surround Cuba, the Moa Bay and Nicaro y at Santiago de Cuba, and the ascertain if there was any y reported in NPIC/R-1523/63.	he .
NF 18-14, and NF and annotations to sugar centrals was	17-8, NF 17-12, NF 17-10 18-15, using symbols fo to delineate damage to	6, NF 18-5, Or damage to the sugar co the overlay	overlays, keyed to AMS Series NF 18-9, NF 18-10, NF 18-13, o the transportation system entrals and ports. Each of t ys which corresponds with acc	the
3. A total P-4829/63, copies	of 18 annotated ozalid s 1 and 2) are herewith	overlays ((CIA/PID/GMB/P-4821/63 thru for your retention.	25X1D
should be directe	nches of CIA/PID (NPIC).	 Any quest CIA/PID/GMB 	rformed by the Industrial and tions concerning this project (NPIC), or Mr. CIA/	1
	25X1D			
	•	25X1I	D	
ENCLOSURES:				
1 Key to Sugar 18 Annotated oz	· Centrals. calid overlays (CIA/PID)	/GMB/P - 4821,	/63 thru P-4829/63, copies	

ENCLOSURE 1

	New Name	Old Name	Location
1.	Brasil ,	Jaronu	21-51N 77-58W
2.	Ciro Redondo	Moron	22-01N 78-43W
3,	Guatemala	Preston ® .	20-47N 75-39W
4.	Venezuela	Stewart	21-44N 78-48W
5•	Antonio Guiteras	Delicias	21-11N 76-34W
6.	Areglia Libre	Manati	21-11N 76 - 55W
7.	Bolivia	Cunagua	22 - 05N 78 - 20W
8.	Enrique Varona Gonzalez	Adelaida	22-10N 78-50W
9•	Ignacio Agramote	Agramonte	21-31N 78-14W
10.	Orlando Gonzalez	Algodones	21-52N 78-59W
11.	Ecuador	Baragua	21-42N 78 - 39W
12.	Carlos Manuel de Cespedes	Cespedes	21-35N 78-17W
13.	Colombia	Elia	21-01N 77-25W
14.	Republica Dominicana	Estrella	21-36n 78-18W
15.	Argentina	Florida	21-33N 78-15W
16.	Amancio Rodriguez	Francisco	20-49N. 77-3 <u>5W</u>
17.	Uruguay	Jatibonico	21-56N/10 1177 79-11W

- 2 -

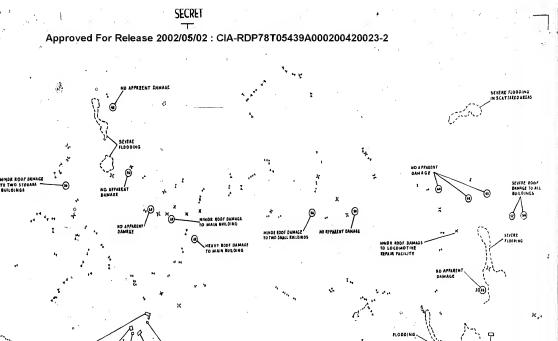
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•	18.	Sierra de Cubitas ,	Lugareno	21-33N 77-29W
	19.	Haiti	Macareno	20-43N 77-52W
	20.	Alfredo Alvarez Mola	Najasa	21-13N 77-33W
	21.	Patria o Muerte	Patria	22-06N 78-38W
	22.	Maximo Gomez	Punta Alegre	22-24N 78-46W
	23.	Candido Gonzalez	Santa Marta	20-48N 78-Q1W
	24.	Noel Fernandez	Senado .	21-34N 77 - 37W
	25.	Siboney	Siboney	21-16N 77-39W
	26.	Panama	Vertientes	21-19N 78-12W
	: 27.	Primero de Enero	Violeta	21-57N 78-27W
	28.	Salvador Rosales	Algodonal	20 - 09N 7 5-44W
	29.	Loynaz Hechevarria	Alto Cedro	20-34N 75-57W
	30.	America Libre	America	20-18N 76-14W
	31.	Lopez Pena	Baguanos	20-45N 76-02W
	32.	Los Reinaldos	Baltony	20-11N 75-29W
	33•	Paquito Rosales	Borjita	20-12N 75-47W
	34.	Nicaragua	Boston	20-54N 75-43W
	35•	Cristino Narango	Cacocum	26-53M
			· · · · · · · · · · · · · · · · · · ·	

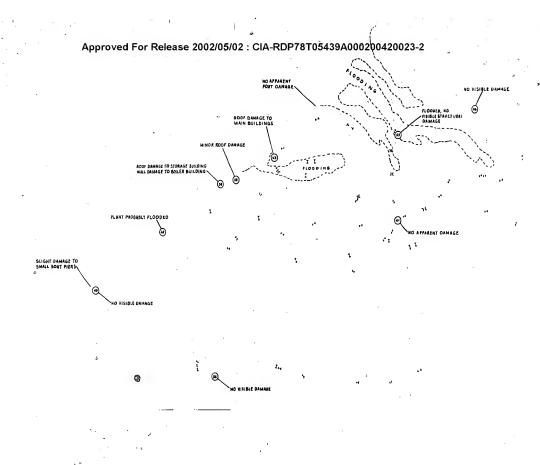
36.	Luis E. Carracedo	Cape Cruz	19-54N 77-19W
37•	Jesus Menendez	Chaparra	21-09N 76-28W
38.	Francisco Castro Ceruto	Dos Amigos	20-14N 77-18W
39•	Costa Rica	Ermita	20-11N 75-24W
40.	Argeo Martinez	Esperanza	20-12N 75-10W
41.	Bartolome Maso	Estrada Palma	20-10N 76-57W
42.	Juan Manuel Marquez	Isabel "B"	20-08N 77 - 27W
43.	Honduras	Isabel "G"	20-13N 75-08W
7474 •	Peru	Jobabo	20 - 54N 77 - 17W
45.	Paraguay	Los Canos	20 - 03N 75 - 08W
46.	Arquimedes Colina	Mabay	20≕21N 76-47W
47.	Antonio Maceo	Maceo	20-45N 76-30W
48.	Julio A. Mella	Miranda	20 - 23N° 75-55W
49.	Roberto Ramirez	Niquero	20 - 03N 77 - 35W
50.	Dos Rios	Palma .	20-14N 76-01W
51.	José Nemesio Figueredo	Rio Cauto	20 - 33N 76 - 55W
52.	Hector Infante	Romelie	20-10N 75-05W
53•	La Demajagua	Salvador	20 -1 7N ⁶⁵ 77 -1 4W

	-		
54.	Manuel S. Tames	San Antonio	20-09N 75-03W
55•	Urbano Noris	San German	20-36N 76-08W
56 .	Chile	Santa Ana	20-16N 75-53W
57•	Rafael Freyre	Santa Lucia	21-03N 76-02W
58.	© Enidio Diaz Machando	Santa Regina	20 - 19N 77 - 19W
59.	Ranulfo Leyva	Sofia	20-19N 76-58W
60.	El Salvador	Soledad "G"	20-13N 75-13W
61.	Fernando de Dios	Tacajo	20-50N 75-56W
62.	Frank Pais	Tanamo	20-40N 75-16W
63.	Rafael Reyes	Union	20-12N 75-50W

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SLIGHT ROOF DAMAGE TO STORAGE BUILDINGS



C BRIDGE STRUCTURAL DAMAGE

-- INTERMITTENT WASHOUT

STIFTER ROOF DAMA 64
TO MAIN BULDINGS
TO AMAN BULDINGS
TO CHARA BU

SECRET

MANON DAMAGE TO MARKEDOPSE

MINON DAMAGE TO MARKEDOPSE

MINON DAMAGE TO MAKE DOP DAMAGE

OMERITOR DOWN THE PECULITIES

MINON DAMAGE TO POLY

MINON DAMAGE

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SECRET

NO APPARENT DAMAGE

O OF Release 2002/05/02 : CIA-RDP78T05439A000200420023-2

DAD WASHED OUT 100 FT

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MODERATE ROOF DAMAGES TO CONTROL OF THE BUILDINGS

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From the building of th

IN GOOD CONE BRIDGE IS HEA I ROAD INUNDATED

® NO APPARENT DAMAGE TO CENTRAL

II) APPARENT DAMAGE

ROAD WASHED OUT

NO APPARENT DAMAGE TO CENTRAL, ROADS AND RAILROADS

NO APPARENT DAMEGE

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MAP REPARENCE SERVES E 502 SHEET NF. 17-12

MINOR FLOODING ARE

FLOODING

NO APPARENT DAMAGE TO CENTRAL ROADS AND RAILROADS. MINOR FLOODING IN SOME STREAM BASINS

SIX PIERS DAMAGEO.
FOURTEEN SMALLER
PIERS DESTROYED.
NO APPARENT DAMAGE
TO BUILDINGS.

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PHOTOGRAPHIC REFERENCE

MAF REFERENCE

